

# Converting Colors

Hex(E1AA7A)

Have a look what the booklet for  
Hex(E1AA7A) contains.

<b>Hex(E1AA7A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E1AA7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1AA7A
RGB	225, 170, 122
RGB Percent	88%, 67%, 48%
CMY	0.1176, 0.3333, 0.5216
CMYK	0.00, 0.24, 0.46, 0.12
HSL	28°, 63%, 68%
HSV	28°, 46%, 88%
XYZ	48.9389, 46.1621, 24.7432
YIQ	180.9730, 48.1880, -3.2680

# Conversions

## Conversions Part 2

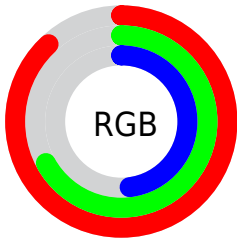
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 212, 122
Decimal	14789242
CIE Lab	73.65, 14.33, 32.52
CIE LCh	74, 35.538, 66.226
Yxy	46.1621, 0.4084, 0.3852
Android (android.graphics.Color)	4292979322 (0xFFE1AA7A)
YUV	180.9730, -29.0737, 38.6117
Hunter-Lab	67.9427, 9.6732, 25.9679

# Details

The Hex color **E1AA7A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **7AB1E1**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE1AF**, and **A77648** is the 20% darker color. If you saturate the color by 10%, you get **E19E64**, and if you desaturate by 10%, it is **E1B691**.

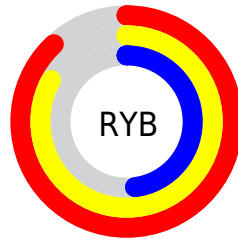
# Distribution



Red (88%)

Green (67%)

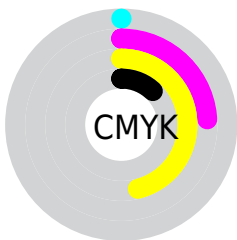
Blue (48%)



Red (88%)

Yellow (83%)

Blue (48%)

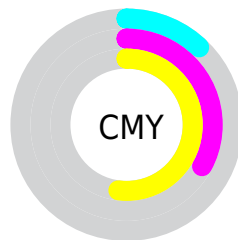


Cyan (0%)

Magenta (24%)

Yellow (46%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1AA7A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E1AA7A by changing the saturation by 10% instead.



 E1AA7A

 E1AA7A

FFFFFF

 C48F61

 FFE1AF

 A77648

 FFFECB

 8B5D31

 FFFF7E

 70451A

 562F02

 3C1A00

 240200

 000000

 E1AA7A

 E1AA7A

 E19E64

 E1B691

 E1924D

 E1C2A7

 E18637

 E1CEBE

 E17A20

 E1DAD4

 E16E0A

 E1E6EB

 E16900

 E1F2FF

 E1FEFF

 E1FFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F2A090



E1AA7A



C4B574

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E1AA7A



53C7BB



C2AAEA

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E1AA7A



7AB1E1

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93B6F5



E1AA7A



40C5DA

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E1AA7A



7AC49A



5FBFF0



E4A0D0

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E1AA7A



ADBC7A



5FBFF0



B3AEFF

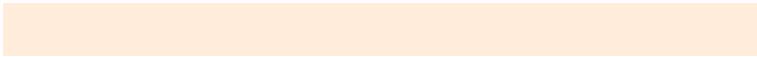


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E1AA7A



FFECDB



E17AB3



80746A



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E1AA7A



FFB473



E1DC7A



706A65



B05200



301700

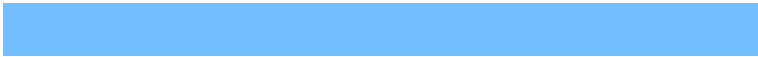


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7AB1E1



73BEFF



7A7FE1



656B70



005EB0



001A30



# Previews

## White Background



This preview shows how the Hex color E1AA7A looks on a white background.

## Color Contrast Check

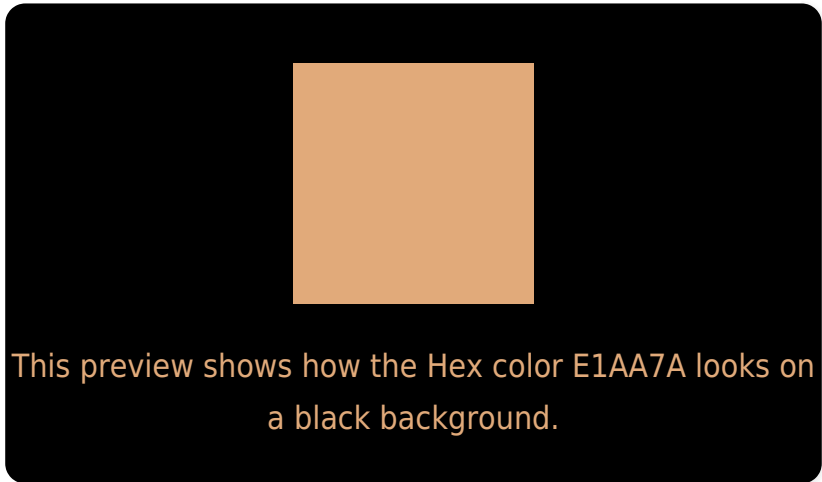
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

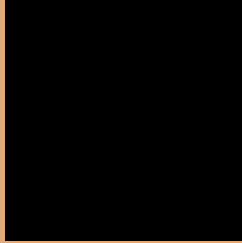
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E1AA7A Background



This preview shows how black text looks on a background with the Hex color E1AA7A.

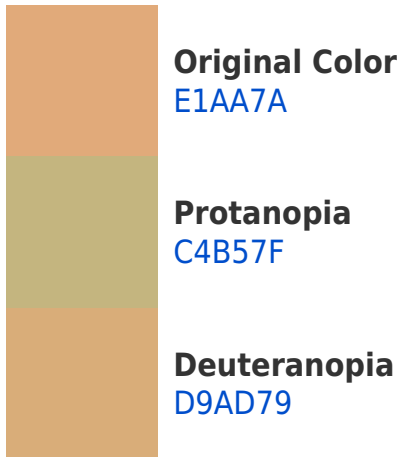


This preview shows how white text looks on a background with the Hex color E1AA7A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

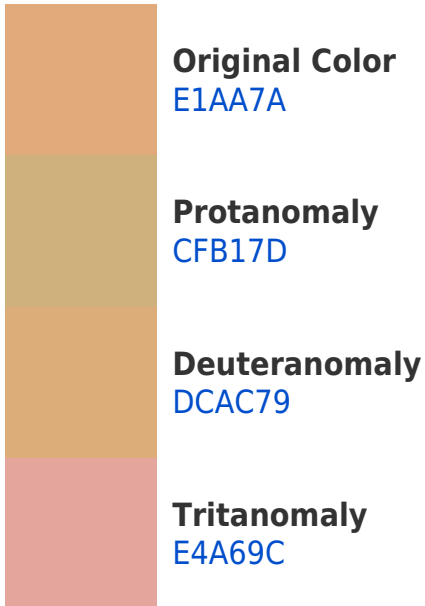
## Dichromacy



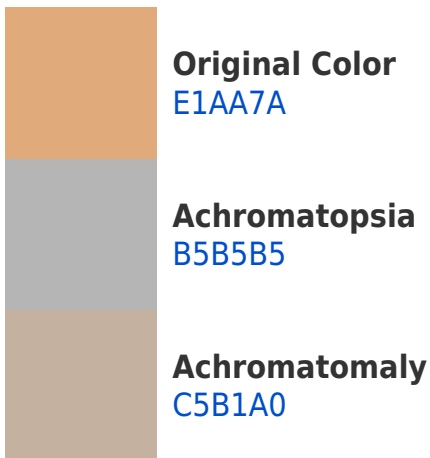


**Tritanopia**  
E6A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1AA7A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E1AA7A looks like.

```
.text, #text, p{  
    color:#E1AA7A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E1AA7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1AA7A
}
```

## Border

The CSS property to change the border of an element to Hex E1AA7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E1AA7A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E1AA7A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E1AA7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1AA7A; -webkit-box-shadow:4px 4px  
4px 4px #E1AA7A; box-shadow:4px 4px 4px  
4px #E1AA7A }
```

# Background

The CSS property to change the background color of an element to Hex E1AA7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1AA7A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E1AA7A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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